

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
13 May 2004 (13.05.2004)

PCT

(10) International Publication Number
WO 2004/040148 A1

(51) International Patent Classification⁷: **F16B 2/18**,
E05C 19/14

(21) International Application Number:
PCT/SE2003/001640

(22) International Filing Date: 22 October 2003 (22.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0203195-3 30 October 2002 (30.10.2002) SE

(71) Applicant and

(72) Inventor: ERIKSSON, Lars [SE/SE]; Hättinge 3445,
S-635 05 ESKILSTUNA (SE).

(74) Agent: EHRNER & DELMAR PATENTBYRÅ AB;
Box 103 16, S-100 55 STOCKHOLM (SE).

(81) Designated States (national): AE, AG, AL, AM, AT (util-
ity model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA,

CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (util-
ity model), DE, DK (utility model), DK, DM, DZ, EC, EE
(utility model), EE, EG, ES, FI (utility model), FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN,
MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU,
SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

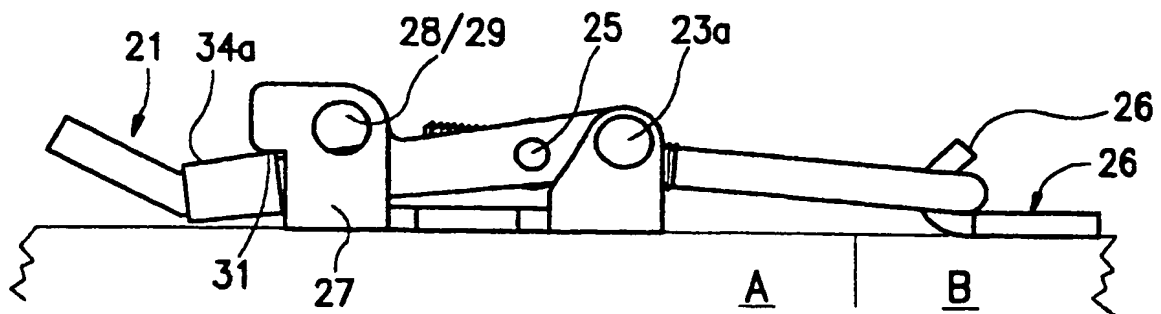
(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: A LOCKING MEANS FOR AN OVER-CENTRE FASTENER



(57) **Abstract:** A locking means for an over-centre fastener for preventing unintentional opening of a lever of the fastener, comprises a spring (30) attached to the lever (21a) and abutment means (31) associated with a the stationary part (20) of the fastener. The spring (30) has one end attached to the lever (21a) and an opposite, movable end thereof forms engagement means (34a) engaging the abutment means (31) in a closed position of the fastener. Said opposite end of the spring is formed with guide means (34a, 34c) guiding movement of said opposite end of the spring relative to the lever (21a).